

## Free, inspiring online CPD for 2018/19

With the start of the new academic year, it's more than just lessons that need planning! Take your professional development into your own hands with a range of free, flexible online courses to improve your teaching and your students' learning. Plan your CPD journey this year with STEM Learning.

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### STEM teaching programme



#### Planning for learning

**12 Nov / 13 May**

Improve your planning and tailor activities to create formative assessment opportunities to support your students.



#### Differentiating for learning

**25 Feb**

Recognising your students' current levels of understanding is key to their learning. Master how to differentiate by task.



#### Introducing assessment for learning

**21 Jan / 22 Apr**

Develop your responsiveness as a teacher by assessing student understanding and taking formative action to improve learning.

*"I'm in my tenth year of teaching and it is easy to become complacent and keep doing things as I always have. The Differentiating for Learning course really made me think about my teaching and what I can do to improve my differentiation and teaching practice."*

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### Improving practice courses



#### Managing behaviour for learning

**17 Sep / 22 Apr**

Learn how to positively influence the behaviour of your students through small shifts in your own behaviour.



#### The science of learning

**17 Sep / 25 Feb**

What is learning? Improve the way you support your students to achieve their potential by exploring the science of learning.



#### Linking STEM curriculum learning to careers

**4 Mar**

Enhance your role as a STEM (science, technology, engineering or mathematics) subject teacher and discover how to adapt your curriculum to link to careers.

*"This course on the Science of Learning has given me a deeper understanding of the way in which our brains process and store information which has helped me to understand pupils learn. I will now be able to adapt my teaching in the classroom."*

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## Teaching practical science programme



### Teaching practical science: physics

**29 Oct / 22 Apr**

Develop and share creative ways of teaching practical physics with approaches that are applicable to a range of curricula.



### Teaching practical science: chemistry

**12 Nov / 29 Apr**

Increase your confidence in delivering and evaluating teaching for practical skills in chemistry.



### Teaching practical science: biology

**26 Nov / 6 May**

Explore creative and exciting ways of teaching practicals in biology to engage your students.

*“As an NQT I have found it challenging to encourage independent thinking and provide contextualisation. The Teaching Practical Science course has given me more ideas about these as well as increasing the range of practicals I am aware of.”*

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## Teaching primary science courses



### Teaching primary science: getting started

**5 Nov / 25 Feb / 13 May**

Tackle practical work in primary science, develop your confidence and explore a range of techniques.



### Exploring space

**26 Nov (from £27)**

Discover how space exploration can inspire your primary science students and engage them in working scientifically.

*“The ‘Getting Started’ course has really helped me understand the requirements of our current curriculum... I planned a whole-school activity involving plastics and it was a real hit! I really have enjoyed taking part in this course and couldn’t be happier with the results.”*

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## Maths subject knowledge



### Maths subject knowledge: proportional reasoning

**Open for enrolment year round (£32)**

Discover multiplicative reasoning strategies, links between ratio and proportion and the ability to scale things up and to scale things down.